

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Substitute~~ for form 1449A/PTO

~~TRADE~~ SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1 of 3

Substitution for Form 1449A/PTO <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete If Known</b>	
Sheet	1	of	3	Application Number	10/616,044
				Filing Date	July 8, 2003
				First Named Inventor	Yang, et al.
				Art Unit	1753
				Examiner Name	Nam X. Nguyen
				Attorney Docket Number	AMAT/7669.P2/CMP/ECP/RKK

## **U.S. PATENT DOCUMENTS**

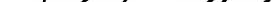
## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
LV	B1	11 186210	07/09/99	JP		
LV	B 2	11 162905	06/18/99	JP		
LV	B 3	10 242110	09/11/98	JP		
LV	B 4	10 177988	06/30/98	JP		
LV	B5	9 293658	11/11/97	JP		
LV	B6	7 14811	01/17/95	JP		
CV	B7	WO-98/27585	08/25/1998	IBM Corporation		

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Application Number</i>	10/616,044
				<i>Filing Date</i>	July 8, 2003
				<i>First Named Inventor</i>	Yang, et al.
				<i>Art Unit</i>	1753
				<i>Examiner Name</i>	Nam X. NGuyen
Sheet	3	of	3	<i>Attorney Docket Number</i>	AMAT/7669.P2/CMP/ECP/RKK

Examiner · Signature		Date Considered	8/22/06
-------------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1** Applicant's unique citation designation number (optional). **2** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 3

**Complete If Known**

Application Number	10/616,044
Filing Date	July 8, 2003
First Named Inventor	Yang, et al.
Art Unit	1753
Examiner Name	Nam X. Nguyen

Attorney Docket Number AMAT/7669.P2/CMP/ECP/RKK

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
LJ	A22	6,518,184	02/11/2003	Chambers, et al.	
	A23	6,270,635	08/07/2001	Woo	
	A24	6,090,260	07/18/2000	Inoue, et al.	
	A25	5,162,079	11/10/1992	Brown	
	A26	5,071,591	12/10/1991	Sheridan	
	A27	4,840,820	06/20/1989	Schultz, et al.	
	A28	4,832,851	12/30/1988	Broadbent, et al.	
	A29	4,469,564	09/04/1984	Okinaka, et al.	
	A30	2004/0200725	10/14/2004	Yahalom, et al.	
	A31	2004/0134775	07/15/2004	Yang, et al.	
	A32	2003/0159837	08/28/2003	Gandikota, et al.	
	A33	2003/0116445	08/26/2003	Sun, et al.	
	A34	2002/0063097	05/30/2002	Fukunaga, et al.	
	A35	2002/0033340	03/21/2002	Cheung, et al.	
	A36	2001/0052465	12/20/2001	Dordi, et al.	
	A37	2004-0074761	04-22-2004	Herchen et al.	
	A38	2004-0149573	08-05-2004	Herchen	
	A39	2003-0010640	01-16-2003	Kholodenko	
	A40	2004-0074762	04-22-2004	Keigler et al.	
	A41	2004-0206628	10-21-2004	Lubomirsky et al.	
	A42	2004-0016637	01-29-2004	Yang et al.	
	A43	2004-0217005	01-14-2004	Yang et al.	
LJ	A44	2004-0192066	01-30-2004	Lubomirsky et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature

Date Considered

8/22/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.